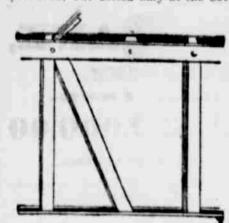


A STRONG STANCHION.

It Is Handy and Easily Made and More Comfortable Than Most Similar Contrivances.

for cattle is shown in the illustration. The feed rack is made of vertical bars



EASILY MADE STANCHION.

tom, leaving the upper end to swing freely. When vertical, the stanchion is held in piece by a block sailed bethis is raised, but when the stanchion is vertical it drops between the side

GRADING UP A HERD.

It Must Be Done Systematically or the Profits of the Dairy Farm Will Decrease.

The average farmer may think he cannot afford to buy blooded stock, and there are pienty who confers this, but where is the farmer who cannot afford to grade up his stock by introducing a fine bull occasionally? The cost of a fine buil is not so great to-day that the average farmer cannot afford to purchase one whenever the herd needs new blood. But the man who is opposed to fancy stock is usually on general principles opposed to grading up—that is, in grading up where it will cost a little, either in time or money.

There is no better investment in this age than in a blooded buil which will bring new life and power into a herd of cows that has been gradually run down. Most farmers bute to admit that their herd is running down. But it is so easy for the animals to degencrate that most of us are caught napping. The degeneration is not the regradually and before we know it we neighboring orchards driving the way are not what they ought to be. To is \$5 a day, the owner of the orchard avoid such degeneration one must be on

the watch. The herd needs a tonic, so to speak, or will go down hill, and before we know it the damage is done, and it will require some hard work to recover the lost ground. The beginning of all the work must be with the bull. A herd headed by a first-class bull can be made to do wonders. But the process of selection and weeding out must also be observed. There will appear in every herd now and then animals that have no place there. They need to be killed off or sold. Too much rigidness in this respect cannot be observed. The lack of it is usually the crying need of our dairymen. The cash sales of young bulls from herds that have been properly graded will often more than pay for the cost of a new bull occasionally.-

Farmers' Guide. Xervousness in Cows.

To most people, the cow is the most turbed about her calf, she will lie and she has eaten. Yet the domestic cow, if public sprayer, -- Farm and Home. she be a good milker, has a capacity for becoming nervous and excitable such as the ox or spayed cow cannot rival, At all times the first-class milch cow must be a hearty feeder. So long as she s given all she wants, she may be quiet enough. But if placed in a pasture where the food is insufficient or too poor in quality, the cow will soon develop roving instincts, and will break through fences in order to get what she likes. The cow that will not do this in care of necessity is of little use for the dairy .- Midland Farmer,

A Waste Product No Longer.

Skim-milk has heretofore been almost a waste product in many creameries. It has not been utilized to the advantage of either the creameryman or patron. Its value for feeding purposes has been almost entirely destroyed, and the farmer who offered it to his calves . pigs felt almost ashamed of himself to think he would provide such unwholesome, miserable rations for their use. But with better enlightenment on this subject and facilities for doing it in better shape, they are beginning to utilize skim-milk in such a way that many of the formers now consider it worth from purposes alone.-Elgin Dairy Report.

Cleanliness, regularity and gentleness should be accompanied by quickness in miking.

INSPECTION OF PLANTS.

No Other Way Can the Introduction and Propagation of Insect Pests Be Prevented.

The need of government inspection of all importations of plants and shrubs and the danger to the agriculturists of the country through the present lack of such inspection, was clearly shown the other day at the agricultural department buildings in Washington, when several large boxes of plants arrived from Japan. They were opened and a number of them found to con-An excellent and handy stanchion tain young camphor trees intended for distribution among the southern staes. As is usually the case, the various sci-11/2 or 2 inches thick, bolted both at entists of the department-the bug top and bottom between two side men, the fungus specialists, etc.,-were strips. The stanchions are made the present and on the lookout for any new came as the other bars, or heavier if bugs, fongi or other pests. The expert preferred. But bolted only at the bot- examination resulted in the entire lot of camphor trees being burned up, although to all appearances they were fairly healthy. Every plant was affect ed by a kind of anthracnose, and mildew and a species of scale insect were

The camphor tree as grown in the United States is remarkably free from diseases, but with the distribution which might have been given this lov of trees, perhaps highly injurious discases and insects would have been introduced in all camphor growing sections. Such diseases frequently do not develop on the one og two-year-old nursery plants, and if sent out by nurserymen who do not take especial notice and who, anyway, having paid for their importation, are loth to adopt stringent measures, are very liable to spdead an ineradicable disease before its very existence may be known. The tween the side strips on the right and camphor industry in the United States a hinged strip on the left. In the cut is not now an important one, but in later years it may be, yet this is stuply an example of what is liable to occur strips and holds it steady. Whenever in other and more valuable industries desired, the notched strip may be There is absolutely no national protecraised, the stanchion pushed aside and tion possible under present laws. If the cattle are free. Always be careful the nurseryman wishes to import a to leave just enough space by the similar lot of camphor trees from stanchion to admit of easy motion of Japan, or some other more widely the animal's neck .- American Agricul- grown tree, and send them out broadcast over the country, even though they be full of diseases, he cannot be stopped diseases and insects have been brought into the United States in this manner, requiring the annual outlay of thousands of dollars to combat their depredations; whereas, at a comparatively small cost the government could entirely control all imports of plants, seeds, etc., and save growers from possible additional losses through these mediums. Germany, France, Italy and even dozens of unimportant colonies are enforcing stringent regulations in this respect, but the United States, the country in which the imports are largest and most varied because of the en ergy of her people, is the farthest behind.-Journal of Agriculture.

MONEY EASILY MADE.

Running a Public Spraying Machine Is Affording a Good Income to an Eastern Farmer.

There is a man in western New York who has a complete outfit of boiler, engine, steam pump, tank and hose mounted on his farm wagon. A 12 suit of sudden change. It comes on year-old boy has run this outfit in wake up to the fact that our animals on and keeping up steam. The charge



PUBLIC SPRAYING MACHINE. providing the spraying mixture and men to hold the nozzles. With this outfit it is possible to spray out 1,500 gallons of poisoned water in a day, and the first cost of the entire outfit was but \$250. This man could not begin to accommodate those who wanted to outside work he will pay the entire first cost of the apparatus, while the placid and least excitable animal in the pump, boiler and tank are doubtless world. When well fed, and not dis- good for 1,000 days' work without repair. Here is st. ickling of what is chew the cud of contentment for hours, and while thus undisturbed will secrete all the milk possible from the food has a chance to make some money as BUES Fair to good light. 625 & 700 crete all the milk possible from the food has a chance to make some money as

ORCHARD AND GARDEN.

Throw a liberal amount of iron filings about your pear trees. The peach and the plum are so closely

related to each other that they can be grafted on each other. One advantage with catalpas is that they are quick growers and stock are

iess liable to bother them. Prune the grape severely at the start, and at three years old, a few bunches of

grapes can be allowed to mature. While the best land is none too good to raise strawberries, yet land that will

grow good corn and potatoes will do. Grapes may be grown from the seeds, but the fruit of seedlings is not like that

of the parent vine.-Western Plawman.

Typhoid Fever from Milk. It has been proven that cases of tychoid fever originated from germs transmitted from a well (where the dairyman simply rinsed his cans), through the milk to the customer. Milk s almost entirely free from germs while it is in the healthy udder of the cow, but as soon as dirt and dust are allowed to get into the milk while milk-15 to 20 cents per hundred for feeding ing and handling the milk, if the temperature is right, these microscopic plants will grow as fast as coadstools on a moist, warm summer night, and will sour the milk is a very few hours .-Farmere' Voice.

MILITARY STATION ON YUKON.

apt, Ray Laying Plans for Placing an Army Post Near the Boundary Line in Alaska,

Capt. Ray, who will be placed in comnand of the military district of Alaska, has been busy about the war department getting everything in readiness for his departure, which will take place cured in July. He will sail from San Franisco or Scattle with supplies for a comoany for one year. He expects to estabish headquarters on the Yukon at Mision Creek, which is near the boundary ine. Here he will build a regular military station for the accommodation of his troops and supplies. A military eservation will be established there, the boundaries of which will depend ipon the judgment of Capt. Ray. A orest reservation also will be estab-lished, so that there may be no question teeth and have the measles just the same. orest reservation also will be estababout a plentiful supply of timber for the military station. Capt. Ray will take two sawmills with him to manufacture the lumber which will be necby boat by way of the mouth of the Yukon river and will have all his supplies taken in by that route. Capt. Ray and smooth as paint, but much less exexpresses no doubt as to the practicability of the Copper river route, which Assistant Secretary Meiklejohn has ordered established and which will be ex- kalsomine brush. It is clean, healthful, Ray has a plan for the establishment of atrong points of Alabastine, proved to stations along this route, 20 miles apart, be such by the test of twenty years, placed in charge of natives. By this system, he believes, it will be possible to reach the Yukon country at all seasons of the year.

DARKEST CHINA.

Experience of Walter K. Brice on Long Surveying Tour in the Celestial Kingdom.

Seven hundred and seventy-five miles on foot, carrying a surveyor's chain centratities of the starter and an even more eccentric horse combine to get us in line. through a section of China unknown to travelers of other nations, is the recent experience of Walter K. Brice. While Stewart M. Brice was fighting the Stewart M. Brice was fighting the Stewart M. Brice was fighting the Spaniards at Santiago his brother went to Manila as a member of Gen. Anderson's staff. Later he left the army and later he left the left the army and later he left the to Manila as a member of Gen. Anderby the government. Many of the worst | crossed over to Shanghai, where he met a party of engineers who had come from the United States to make a sort of preliminary survey of the China CenIt was long after 11 o'clock last night when

> ruption of the Chinese empire, which is within the realm of possibility, but is not at all probable. From Shanghal we went up the Yang-Tse-Kiang river in boats to Han Kow. There are no rosas, in the American sense, merely paths through the rice fields. Sometimes we slept in old temples. Occasionally we would come across some kind-hearted mandarin who would atlow us to unroll our beds for the night

"At every village we found crowds it were a great deal older than that .- Boswaiting to see us. Few of the thou- ton Transcript. sands of men we met had ever seen any other kind of a human being than a Chinaman,"

The Lash for Wife-Benters.

The crime of wife-beating has be come so common of late that some extraordinary punishment seems to be needed for its suppression. When garroting became common in the streets of London some years ago the restoration of the whipping post for those convicted of the crime proved an effeetual remedy. The New York Herald thinks perhaps a temporary resort to it here in the case of wife beaters would prove efficacious.

Long-Lived Ballet Dancers.

A German statistician has discovered that ballet dancers, as a rule, attain an age much above the average. Carlotta Grisi is 77 years of age and Andalia Ferraris 78. Taglioni was over 80 years old when she died, and Fanny Elssler was 74. Rosita Mauri, well over 50, is still dancing at the Paris grand opera.

Algerian Iron Ore in France. The quantity of Algerian iron ore imported into France during the last year hire his spraying outfit. In 50 days of is returned at 68,248 tons, compared with only 62,100 tone in 1897.

THE MARKETS.

g.	HOGS-Coarse and heavy	3 25	65 3 55	
	Mixed packers	3 70	6.3 80	
	SHEEP-Choice	3 65	65 8 8V	
	LAMBS Spring	6 00	65. 7.00	
	FLOUR - Winter patent	3 50	60 2 73	
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	Outs-No. 2-		90 2719	
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Opinions of a Pessimist.

The fact that you can make a mule work

night force. The man who doesn't lift his hat when he meets his wife probabily refers to his mother A man seldom marries his first love. When

be gets old enough to take a wife she is gen-erally busy cutting down papa's pants for Willie. me men are born rich and some are born

The Case in a Natshell.

Alabastine is a permanent coating for walls and ceilings, designed to take essary for the new station. He will go the place of kalsomines and wall paper. Alabastine sets with the wall. It is practically a stone cement, as hard pensive, and is applied just as easily by anyone. It can be mixed with either cold or hot water, and applied with a amined by Capt. Abercrombie. Capt. and economical. Every one of the is picked up by every new manufacturer of ordinary kalsomine and claimed for his goods. These claims are absurd on their face. Alabastine alone can prove its durability by the test of time. It is sold by paint dealers, in 6-lb. packages, properly labeled.

Wanted a Door.

The sun blazing down on a race course, far, far east of Suez, and on a field of hot, excited horses and men, waiting till the ec-

Exasperating.

from the United States to form the States to the States thing one has been waiting for. It's awfully exasperating. Chicago Evening News.

Your Feet Ache and Burnt der into your shoes, Allen's Foot-Ease, der for the feet. It makes tight or New feel Easy. Cures Corns. Bunions, n. Hot, Callous, Sore, and Sweating All Druggists and Shoe Stores seil Sample sent FREE. Address, E. Oimsted, Le Roy, N. Y.

Ancient Roquefort Cheese.

It is said that Roquefort cheese dates back to Piny's time. Some of it smells as though

More Information.

my-Paw, what no they put water in Figg-To soak the investors with, my -Indianapolis Journal

A Powerful Incentive. se condition of a man's liver has more to be with his reputation for generosity than is generally understood.—St. Louis Star.

the Best Prescription for Chills. and Fever is a bottle of Guove's Tasteless Chill Toxic. It is simply iron and quinine in a tasteless form. No cure—no pay. Price,50c.

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Yeast—Did you ever take any of those mult baths?
Grimsonbeak—Well, I ran for office once.

To Cure a Cold in One Day Take Laxative Bromo Quinine Tablets. All druggists refund money if it fails to cure. 25c.

The man who talks most about the diffi-culties of faith, takes the absurdities of socalled science at a swallow. - Ram's Horn.

Maid and the Miracle

Miss Lucy Tucker, the daughter of a prominent farmer of Versallies, Ind., was the victim of nervous prostration. Most of the time she was confined to bed, and was on the verge of St. Vitus' dance. It was a pitful case which medical science falled to conquer. Finally a doctor prescribed br. Williams' Pink Pills for Pale People. Her father said:

"We began giving the pills at onco."

"We began giving the pills at once, and the next day we could see a change for the better in her. We save her one pill after each meal until she was entirely well. She has not been sick a day since. We think the cure almost miraculous. "FRANK TUCKER, Mrs. F.TUCKER."

Mr. and Mrs. Frank Tucker, being duly sworn, state that the foregoing is true in every particular. HUGH JOHNSON, Justice of the Peace. From the Republican, Versailles, Ind.

Dr. Williams' Pink Pills for Pale People are never sold by the dozen or hundred, but always in packages. At all druggists, or direct from the Dr. Williams Medicine Co., Schenectady, N. Y., 50 cents per box, 6 boxes \$2.50.

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